

IN THE SPECIFICATION

Please replace the paragraph beginning at page 18, line 29-page 19, line 30, with the following rewritten paragraph:

Brief description of the figures

Other features and advantages of the invention will become clear after reading the following description, in reference to the appended drawings, in which:

- Figure 1 is a graph that shows the variation of the molar absorption coefficient of G, C, T and A nitrogenous bases, as a function of the wave length;
- Figure 2 is a diagram illustrating a photothermal deflection in transverse configuration for the analysis of a sample to be tested using the process according to this invention;
- Figure 3 is a diagram illustrating a photothermal deflection in longitudinal configuration for the analysis of a sample to be tested using the process according to this invention;
- Figures 4 A, B, C, D and E ~~is a diagrammatic illustration of~~ diagrammatically illustrate different configurations for detection of the deviation of the probe beam;
- Figure 5 is a diagrammatic illustration of a measurement of the absorption of a sample using the photothermal deflection method in transverse configuration according to the invention;
- Figure 6 is a diagram illustrating a device for implementation of the process according to this invention;
- Figures 7 and 8 diagrammatically show the method of determining the “image” after each step in the synthesis of a probe using the process according to this invention;

- Figure 9 shows the variation with time of photothermal signals obtained on silica substrates according to this invention.

Please replace the present Abstract with the Abstract provided on a separate page attached to the end of this Amendment.